

Learning Docker

By Pethuru Raj, Jeeva S. Chelladurai, Vinod Singh


Download now

Read Online 

Learning Docker By Pethuru Raj, Jeeva S. Chelladurai, Vinod Singh

Docker is a next-generation platform for simplifying application containerization life-cycle. Docker allows you to create a robust and resilient environment in which you can generate portable, composable, scalable, and stable application containers.

This book is a step-by-step guide that will walk you through the various features of Docker from Docker software installation to the impenetrable security of containers. The book starts off by elucidating the installation procedure for Docker and a few troubleshooting techniques. You will be introduced to the process of downloading Docker images and running them as containers. You'll learn how to run containers as a service (CaaS) and also discover how to share data among containers. Later on, you'll explore how to establish the link between containers and orchestrate containers using Docker Compose. You will also come across relevant details about application testing inside a container. You will discover how to debug a container using the docker exec command and the nsenter tool. Finally, you will learn how to secure your containers with SELinux and other proven methods.

 [Download Learning Docker ...pdf](#)

 [Read Online Learning Docker ...pdf](#)

Learning Docker

By Pethuru Raj, Jeeva S. Chelladurai, Vinod Singh

Learning Docker By Pethuru Raj, Jeeva S. Chelladurai, Vinod Singh

Docker is a next-generation platform for simplifying application containerization life-cycle. Docker allows you to create a robust and resilient environment in which you can generate portable, composable, scalable, and stable application containers.

This book is a step-by-step guide that will walk you through the various features of Docker from Docker software installation to the impenetrable security of containers. The book starts off by elucidating the installation procedure for Docker and a few troubleshooting techniques. You will be introduced to the process of downloading Docker images and running them as containers. You'll learn how to run containers as a service (CaaS) and also discover how to share data among containers. Later on, you'll explore how to establish the link between containers and orchestrate containers using Docker Compose. You will also come across relevant details about application testing inside a container. You will discover how to debug a container using the docker exec command and the nsenter tool. Finally, you will learn how to secure your containers with SELinux and other proven methods.

Learning Docker By Pethuru Raj, Jeeva S. Chelladurai, Vinod Singh Bibliography

- Rank: #1321392 in eBooks
- Published on: 2015-06-29
- Released on: 2015-06-29
- Format: Kindle eBook

 [Download Learning Docker ...pdf](#)

 [Read Online Learning Docker ...pdf](#)

Download and Read Free Online Learning Docker By Pethuru Raj, Jeeva S. Chelladhurai, Vinod Singh

Editorial Review

About the Author

Pethuru Raj

Pethuru Raj, PhD, works as a cloud architect at the IBM Global Cloud Center of Excellence (CoE) in Bangalore, India. He completed his CSIR-sponsored PhD degree at Anna University, Chennai, and continued his UGC-sponsored postdoctoral research at the Department of Computer Science and Automation of IISc, Bangalore. Thereafter, he was granted a couple of international research fellowships (JSPS and JST) to work as a research scientist for 3 years at two leading Japanese universities. Pethuru has contributed to a number of high-quality technology books that are edited by internationally acclaimed professionals. In association with another IBMer, he has recently submitted the complete manuscript for a book called Smart Cities: the Enabling Technologies and Tools, to be published by the CRC Press in the USA in May 2015. He has collaborated with a few established authors to publish a book called High-Performance Big Data Analytics, which will be published by Springer-Verlag, UK, in 2015. He maintains an IT portal at <http://www.peterindia.net>, and his LinkedIn profile can be found at <https://www.linkedin.com/in/peterindia>.

Jeeva S. Chelladhurai

Jeeva S. Chelladhurai has been working as a technical project manager at the IBM Global Cloud Center of Excellence (CoE) in India for the last 8 years. He has more than 18 years of experience in the IT industry. In various capacities, he has technically managed and mentored diverse teams across the globe in envisaging and building pioneering telecommunication products. He specializes in cloud solution delivery, with a focus on data center optimization, software-defined environments (SDEs), and distributed application development, deployment, and delivery using the newest Docker technology. Jeeva is also a strong proponent of Agile methodologies, DevOps, and IT automation. He holds a master's degree in computer science from Manonmaniam Sundaranar University and a graduation certificate in project management from Boston University. He has been instrumental in crafting reusable assets for IBM solution architects and consultants in Docker-inspired containerization technology.

Vinod Singh

Vinod Singh is a lead architect for IBM's cloud computing offerings. He has more than 18 years of experience in the cloud computing, networking, and data communication domains. Currently, he works for IBM's cloud application services and partner marketplace offerings. Vinod has worked on architecting, deploying, and running IBM's PaaS offering (BlueMix) on the SoftLayer infrastructure cloud. He also provides consultancy and advisory services to clients across the globe on the adoption of cloud technologies. He is currently focusing on various applications and services on the IBM Marketplace/BlueMix/SoftLayer platform. He is a graduate engineer from the National Institute of Technology, Jaipur, and completed his master's degree at BITS, Pilani.

Users Review

From reader reviews:

David Crockett:

The book Learning Docker can give more knowledge and also the precise product information about everything you want. Exactly why must we leave the great thing like a book Learning Docker? A number of you have a different opinion about publication. But one aim which book can give many details for us. It is absolutely suitable. Right now, try to closer using your book. Knowledge or data that you take for that, you can give for each other; you can share all of these. Book Learning Docker has simple shape nevertheless, you know: it has great and massive function for you. You can search the enormous world by open and read a book. So it is very wonderful.

Cindy Grant:

The event that you get from Learning Docker will be the more deep you looking the information that hide inside the words the more you get serious about reading it. It doesn't mean that this book is hard to recognise but Learning Docker giving you buzz feeling of reading. The writer conveys their point in particular way that can be understood simply by anyone who read it because the author of this reserve is well-known enough. This book also makes your own personal vocabulary increase well. That makes it easy to understand then can go along with you, both in printed or e-book style are available. We suggest you for having this Learning Docker instantly.

David Dugas:

Reading a publication tends to be new life style in this era globalization. With looking at you can get a lot of information that could give you benefit in your life. Having book everyone in this world could share their idea. Publications can also inspire a lot of people. A great deal of author can inspire their very own reader with their story as well as their experience. Not only situation that share in the publications. But also they write about the information about something that you need illustration. How to get the good score toefl, or how to teach your kids, there are many kinds of book that you can get now. The authors these days always try to improve their skill in writing, they also doing some study before they write to their book. One of them is this Learning Docker.

Kimberly Duda:

People live in this new day of lifestyle always try to and must have the time or they will get wide range of stress from both daily life and work. So , once we ask do people have extra time, we will say absolutely of course. People is human not really a huge robot. Then we ask again, what kind of activity do you have when the spare time coming to you of course your answer will probably unlimited right. Then do you ever try this one, reading ebooks. It can be your alternative throughout spending your spare time, often the book you have read is actually Learning Docker.

**Download and Read Online Learning Docker By Pethuru Raj,
Jeeva S. Chelladhurai, Vinod Singh #V72QN84YHO1**

Read Learning Docker By Pethuru Raj, Jeeva S. Chelladurai, Vinod Singh for online ebook

Learning Docker By Pethuru Raj, Jeeva S. Chelladurai, Vinod Singh Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Learning Docker By Pethuru Raj, Jeeva S. Chelladurai, Vinod Singh books to read online.

Online Learning Docker By Pethuru Raj, Jeeva S. Chelladurai, Vinod Singh ebook PDF download

Learning Docker By Pethuru Raj, Jeeva S. Chelladurai, Vinod Singh Doc

Learning Docker By Pethuru Raj, Jeeva S. Chelladurai, Vinod Singh Mobipocket

Learning Docker By Pethuru Raj, Jeeva S. Chelladurai, Vinod Singh EPub

V72QN84YHO1: Learning Docker By Pethuru Raj, Jeeva S. Chelladurai, Vinod Singh